

APS Monthly Meeting

Introduction/Announcements

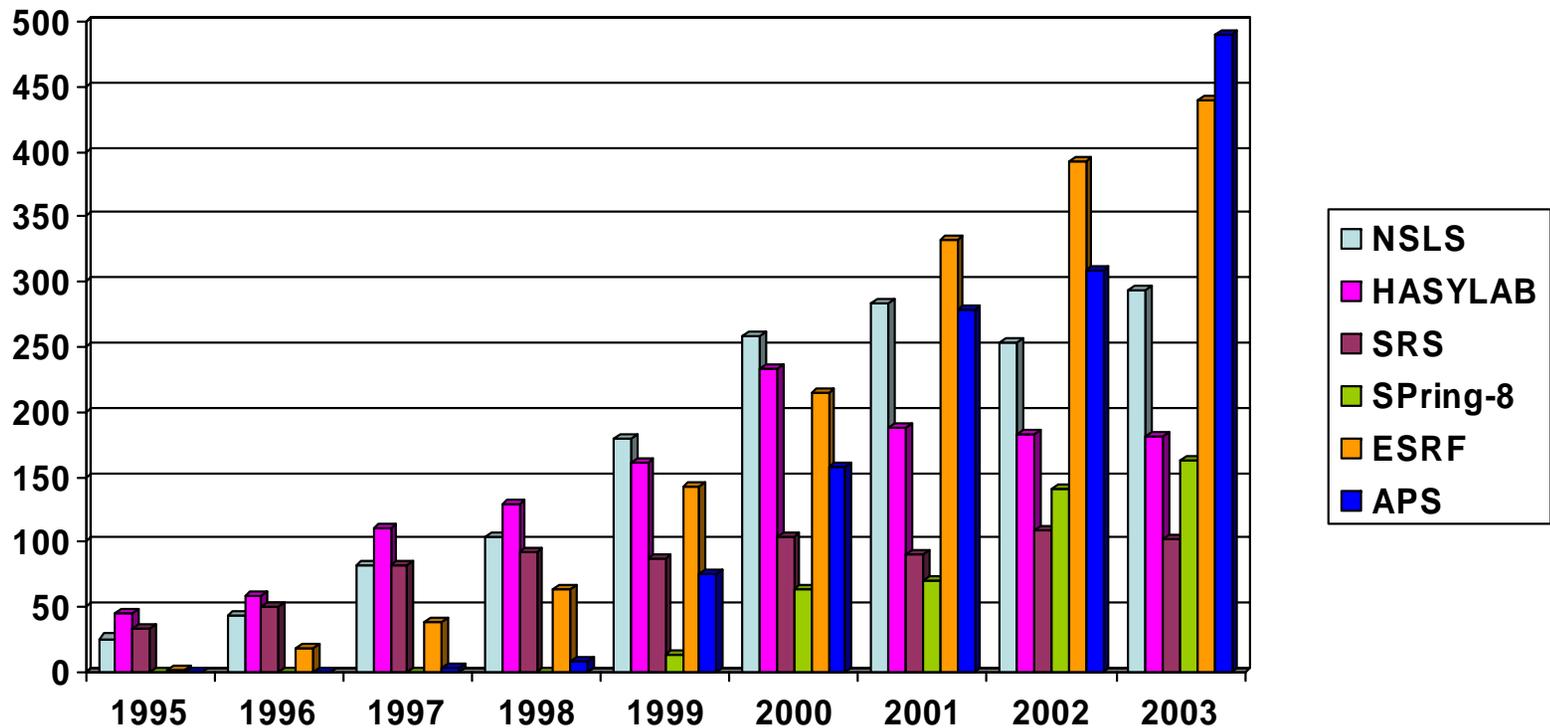
J. Murray Gibson

6/30/04

Agenda

- 2:45 p.m. -- Introduction/Announcements
 - Murray Gibson
- 2:55 p.m. -- Report on Users Meeting
 - Mark Rivers
- 3:05 p.m. -- Report on Synchrotron Environmental Science Workshop
 - Steve Sutton
- 3:15 p.m. -- Construction Activities at APS
 - Rick Janik
- 3:25 p.m. -- Bonding Changes in Compressed, Superhard Graphite - Wendy Mao (University of Chicago)

Deposits in Protein Data Bank by Major Light Sources*



*As of 5.28.04

Future Science Planning for the Advanced Photon Source - *Workshops and Dates*

- **Environmental Science**
(APS Users' Meeting, APS, May 4, 2004)
Chairs: Steve Sutton, Ken Kemner, Shelly Kelly
- **Emerging Areas in Biological Crystallography**
(July 26-28, 2004, APS)
Chairs: Wayne Hendrickson, John Helliwell
- **Membrane Science**
(August 17-18, 2004, APS)
Chairs: Millicent Firestone, Tom Irving, Jin Wang, Randall Winans
- **Science with High Energy X-rays**
(August 9-10, APS)
Chair: Dean Haeffner
- **Frontier Science Using Soft X-Rays**
(August 5-6, APS)
Chair: Richard Rosenberg, Juan Carlos Campuzano

- **Emerging Scientific Opportunities Using X-ray Imaging**
(Aug. 29 – Sept. 1, 2004, Lake Geneva)
Chairs: Francesco De Carlo, Wah Keat Lee, Gabrielle Long, Stuart Stock
- **Time Domain Science Using X-ray Techniques**
(Aug. 29 – Sept. 1, 2004, Lake Geneva)
Chairs: Lin Chen, David Reis, Linda Young, Steve Milton
- **Mesosopic and Nanoscopic Science**
(Aug. 29 – Sept. 1, 2004, Lake Geneva)
Chairs: Sunil Sinha, Eric Isaacs
- **Nanomagnetism Using X-ray Techniques**
(Aug. 29 – Sept. 1, 2004, Lake Geneva)
Chairs: Sam Bader, Laura Lewis, George Srajer

at Lake Geneva

Gopal Shenoy and Sunil Sinha overall chairs (see www.aps.anl.gov)

Strategic Planning Meeting

September 2-3, 2004, Fontana, WI

Tentative schedule

Thursday, Sept. 2nd

- 8:00 a.m. Introduction
- 8:30 Report on Emerging Scientific Opportunities Using Imaging Techniques
- 10:00 Break
- 10:30 Report on Time Domain Science
- 12:00 p.m. Lunch
- 1:30 Report on Meso/Nanosopic Science
- 3:00 Break
- 3:30 Report on Membrane Science
- 5:00 Report on Environmental Science
- 6:30 Dinner
- 8:00 Discussion
- 9:00 Adjourn First Day



Friday, Sept. 3rd

- 8:00 a.m. Report on Nanomagnetism
- 9:30 Report on Science Using High Energy X-rays
- 11:00 Break
- 11:30 Report on Emerging Areas of Biological Crystallography
- 1:00 p.m. Lunch
- 2:00 Open Discussion Wrap-up
- 4:00 Adjourn

Strategic Planning Meeting

- Will attempt to take output from workshops and identify:
 - which new users communities to build and how?
 - new or renovated beamline needs?
- At least one PUC member per sector invited, + SAC, APSUO, APS staff, others
 - maximum 200 people (each workshop at Lake Geneva ~50 also invited)
 - support provided for accommodations/meals, travel allowance
- Let Rose Torres know if you are interested in attending (you may get invited anyway!)

News on IDs and Front Ends

- 23-ID(GM/CA), 24-ID(NE) and 21-ID(LS) front ends installed
 - modified shutters installed in last shutdown
 - new APS design review, project management process in place
 - value-engineered cost of full construction and installation of 3.3 cm CU reduced to \$2.7M from estimate of \$4.2M
- 23-ID and 24-ID both have monochromatic beam in the endstation enclosures
- New designs for higher heat-load front ends (IXS, Nano) proceeding (200 mA)
 - re-evaluation of limits for existing front ends in progress

Other

- Proprietary policy development
- APS project assessment process beginning for FY'05
- ICMS system to be ordered this week
- FY'05 budget – house adds \$13M including increased ops time at facilities
 - CR possible
 - advocacy remains important
- Inter-Agency Working Group on Synchrotrons chaired by Pat Gallagher
 - important for FY'06 budget planning in administration